

System and Method for Authentication

Abstract

An authentication system (10) to verify a password is provided. The authentication system includes a first storage unit (16) to store an authentication sequence (24) and a read-only memory unit (18) on which an authentication algorithm (26) is programmed. A microcontroller (20) is coupled to the first storage unit, the read-only memory unit and a web server. The microcontroller receives the password and executes the authentication algorithm to verify the password with the authentication sequence. A second storage unit (22) is coupled to the microcontroller to store data from the web server. Access to a second storage unit is permitted by the microcontroller only if the password has been verified.